

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Control Unit (High-Rise)

LISTEE: National Time & Signal Corporation, 28045 Oakland Oaks Court, Wixom, MI 48393-3342
Contact: Leo Mullins (248) 380-6264 *Fax (248) 380-6268

DESIGN: Model 900 fire alarm control unit. Power-limited; automatic, manual, non-coded, local, remote and central station (protected premises unit), water flow and sprinkler supervisory service. Refer to listee's data sheet for detailed product description and operational considerations. System components:

A900-POWER	Power Supply
A900-POWER EXP	Expansion Power Supply
A900-COMMON UTIL	Common Utility
A900-COMPUTER	Computer
A900-COMPUTER ISOL	Computer Isolated
A900-HIST384	384K Eeprom Board
A900-HIST128	128K Eeprom Board
A900-CTRL MAIN	Common Control
A900-SW LED EXP	Expansion Switch & LEDs
A900-CTRL MIC/TEL	Mic/Telephone Control
A900-CTRL AUX8	8-zone Aux. Control
A900-CTRL ANNUN16	16-zone Annunciator
A900-IN16B	Input 16
A900-IN8 OUT4	Input 8/Output 4
A900-OUT6	Output 6
A900-RELAY16	Relay Output
A900-DIGI-COMM2	Digi Comm 2
A900-DIGI-COMM+4	Digi Comm 4
A900-CLASS A ADAPT	Class A Adapter
A900-PREAMP	Pre-Amplifier
A900-AUDIO LINK	Audio Link
A900-DVR	DVR "EE" Audio Module
A900-AMPLIFIER	Amplifier
A900-SPEAKER 8ZB	Speaker Zone
A900-POWEREGEXP	Regulated Expansions Power Supply
A900-XMFR-ASSY	Transformer Assembly

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical ratings, and UL label.

APPROVAL: Listed as fire alarm system control unit for use in both high-rise and non high-rise structures when used in conjunction with separately listed compatible initiating and indicating signal devices.

This control unit does can generate a distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) in accordance with NFPA 72, 1999 Edition. Refer to manufacturer's Installation Manual for details.

NOTE: For **fire alarm verification** feature, the maximum Retard/Reset/Restart period shall be 30 seconds or less.

*Rev. 08-20-2002



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 17, 2003**

Listing Expires **June 30, 2004**

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**